

9/20/01

SPRE Marquis,

6E10

Re: 09/828,246 US 5,892,655

Attached are search results.

No litigation was found in searches of Dialog, Lexis-Nexis, and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,
Jeff Harrison
306-5429
CP4-9C18

3356 51300

Bates, Darcy

From: Marquis, Lissi
Sent: Wednesday, September 19, 2001 12:03 PM
To: STIC-EIC2800
Subject: Reissue application number 09828246

Please provide me with a litigation search for U.S. patent number 5892655 for the above listed Reissue application.

Thank you!

Lissi Mojica Marquis

SPRE 2800

703-308-2260

CP4 -6E10

FAX: 703-305-1034

Source: [All Sources](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)Terms: patno is 5892655 ([Edit Search](#))

Pat. No. 5892655, ***5,892,655**◆ GET 1st DRAWING SHEET OF 1

Apr. 6, 1999

Hard disk drive heat sink

REISSUE: Reissue Application filed Apr. 6, 2001 (O.G. Jul. 10, 2001) Ex. Gp.: 2835; Re. S.N. 09/828,246**INVENTOR:** Grouell, William L., San Ramon, California**ASSIGNEE-AT-ISSUE:** Sun Microsystems, Inc., Mountain View, California (02)**APPL-NO:** 883,847**FILED:** Jun. 27, 1997**INT-CL:** [6] H05K 7#20**US-CL:** 361#690; 165#80.2; 165#80.3; 174#16.3; 361#704; 361#714; 361#715;**CL:** 361;165;174;**SEARCH-FLD:** 361#687, 690, 692, 704, 709, 710, 711; 174#16.3, 16.1; 165#80.2, 80.3**REF-CITED:****U.S. PATENT DOCUMENTS**

4,414,604	11/1983 *	Matsui et al.	361#385
4,754,101	6/1988 *	Stickney et al.	361#818
5,016,139	5/1991 *	Stopa et al.	361#386
5,204,497	4/1993 *	Herrick	361#687
5,253,133	10/1993 *	Guo	360#97.01
5,311,928	5/1994 *	Marton	165#80.3
5,625,229	4/1997 *	Kojima et al.	361#697

FOREIGN PATENT DOCUMENTS

29601645U1	3/1996 *	Federal Republic of Germany
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PRIM-EXMR: Picaro, Leo P.**ASST-EXMR:** Chervinsky, Boris L.**LEGAL-REP:** Caplan; Julian
Flehr Hohbach Test
Albritton & Herbert LLP

20sep01 11:03:00 User259284 Session D1348.2

File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200135
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S1 1 PN="US 5892655"
? t s1/39/1

1/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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14849429

Basic Patent (No,Kind,Date): EP 887726 A1 19981230 <No. of Patents: 005>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
DE 69800533	C0	20010329	DE 69800533	A	19980625	
EP 887726	A1	19981230	EP 98305004	A	19980625	(BASIC)
EP 887726	B1	20010221	EP 98305004	A	19980625	
JP 11073755	A2	19990316	JP 98182241	A	19980629	
US 5892655	A	19990406	US 883847	A	19970627	

Priority Data (No,Kind,Date):

US 883847 A 19970627

PATENT FAMILY:

GERMANY (DE)

Patent (No,Kind,Date): DE 69800533 C0 20010329

HITZESCHILD FUER FESTPLATTENLAUFWERK (German)

Patent Assignee: SUN MICROSYSTEMS INC (US)

Author (Inventor): GROUELL WILLIAM L (US)

Priority (No,Kind,Date): US 883847 A 19970627

Applic (No,Kind,Date): DE 69800533 A 19980625

IPC: * G06F-001/20; H05K-007/20

Derwent WPI Acc No: * G 99-048106

Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69800533 P 20010329 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 887726 P 20010329

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 887726 A1 19981230

HARD DISK DRIVE HEAT SHIELD (English; French; German)

Patent Assignee: SUN MICROSYSTEMS INC (US)

Author (Inventor): GROUELL WILLIAM L (US)

Priority (No,Kind,Date): US 883847 A 19970627

Applic (No,Kind,Date): EP 98305004 A 19980625

Designated States: (National) DE; FR; GB; IT; NL; SE

IPC: * G06F-001/20; H05K-007/20

Derwent WPI Acc No: * G 99-048106; G 99-048106

Language of Document: English
 Patent (No,Kind,Date): EP 887726 B1 20010221
 HARD DISK DRIVE HEAT SHIELD (English; French; German)
 Patent Assignee: SUN MICROSYSTEMS INC (US)
 Author (Inventor): GROUELL WILLIAM L (US)
 Priority (No,Kind,Date): US 883847 A 19970627
 Applic (No,Kind,Date): EP 98305004 A 19980625
 Designated States: (National) DE; FR; GB; IT; NL; SE
 IPC: * G06F-001/20; H05K-007/20
 Derwent WPI Acc No: * G 99-048106
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 887726	P	19970627	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				US 883847 A 19970627
EP 887726	P	19980625	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 98305004 A 19980625
EP 887726	P	19981230	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
				DE FR GB IT NL SE
EP 887726	P	19981230	EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
				AL;LT;LV;MK;RO;SI
EP 887726	P	19981230	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 887726	P	19990707	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				19990510
EP 887726	P	19990908	EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
				DE FR GB IT NL SE
EP 887726	P	20000524	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
				20000410
EP 887726	P	20010221	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN)
				DE FR GB IT NL SE
EP 887726	P	20010221	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 887726	P	20010329	EP REF	CORRESPONDS TO: (ENTSPRICHT)
				DE 69800533 P 20010329
EP 887726	P	20010406	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)

JAPAN (JP)

Patent (No,Kind,Date): JP 11073755 A2 19990316

HEAT SINK FOR HARD DISK DRIVE (English)
 Patent Assignee: SUN MICROSYSTEMS INC
 Author (Inventor): GROUELL WILLIAM L
 Priority (No,Kind,Date): US 883847 A 19970627
 Applic (No,Kind,Date): JP 98182241 A 19980629
 IPC: * G11B-025/04; G11B-033/14
 Derwent WPI Acc No: * G 99-048106
 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5892655 A 19990406
 HARD DISK DRIVE HEAT SINK (English)
 Patent Assignee: SUN MICROSYSTEMS INC (US)
 Author (Inventor): GROUELL WILLIAM L (US)
 Priority (No,Kind,Date): US 883847 A 19970627
 Applic (No,Kind,Date): US 883847 A 19970627
 National Class: * 361690000; 361704000; 361714000; 361715000;
 174016300; 165080300; 165080200
 IPC: * H05K-007/20
 Derwent WPI Acc No: * G 99-048106
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
 US 5892655 P 19970627 US AE APPLICATION DATA (PATENT)
 (APPL. DATA (PATENT))
 US 883847 A 19970627
 US 5892655 P 19971208 US AS02 ASSIGNMENT OF ASSIGNOR'S
 INTEREST
 SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD,
 PALO1-521 PALO ALTO, CALIFORNIA 943 ;
 GROUELL, WILLIAM L. : 19971201
 US 5892655 P 19990406 US A PATENT
 US 5892655 P 20010710 US RF REISSUE APPLICATION FILED
 (REISSUE APPL. FILED)
 20010406

?

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Search statement 1

?nbr /pn us5892655

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2	1	US5891922
3	2	US5892325
4	1	US5892509
5	1	US5892554
6	2	US5892825
7	1	US5892876
8	1	US5892914

?/pn 5892655

Term not in index/PN : 5892655
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?/pn 5892655

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Search statement 2

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1/1 PAST - (C) PAST
AN - 200128-001164
PN - 5892655 A [US5892655]
DT - A (UTILITY)
OG - 2001-07-10
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

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Search statement 1

?/pn 5892655

** SS 1: Results 1

Search statement 2

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1/1 LGST - (C) LEGSTAT
PN - US 5892655 [US5892655]
AP - US 883847/97 19970627 [1997US-0883847]
DT - US-P
ACT - 19970627 US/AE-A
APPLICATION DATA (PATENT)
{US 883847/97 19970627 [1997US-0883847]}
- 19971208 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD, PALO1-521 PALO ALTO,
CALIFORNIA 943 * GROUELL, WILLIAM L. : 19971201
- 19990406 US/A
PATENT
- 20010710 US/RF
REISSUE APPLICATION FILED
20010406
UP - 2001-29

Selected file: CRXX

CRXX (CLAIMS Current Legal Status)

Legal Status actions current thru September 11, 2001 (2001-37/UP)

Reassignment data current as of August 5, 2001.

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Search statement 1

?/pn 5892655

** SS 1: Results 1

Search statement 2

?prt fu

1/1 CRXX - (C) CLAIMS/RRX

AN - 3134668

PN - 5,892,655 A 19990406 [US5892655]

PT - E (Electrical)

PA - Sun Microsystems Inc

ACT - 20010406 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20010710

REISSUE REQUEST NUMBER: 09/828246

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2835

Reissue Patent Number:

UP - 2001-28

UACT- 2001-07-10

No Documents Found

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